

Converting Colors

XYZ(26.0345, 19.2228, 46.0543)

Have a look what the booklet for
XYZ(26.0345, 19.2228, 46.0543)
contains.

XYZ(26.0345, 19.2228, 46.0543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0345, 19.2228,
46.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	9964B5
RGB	153, 100, 181
RGB Percent	60%, 39%, 71%
CMY	0.4000, 0.6078, 0.2902
CMYK	0.15, 0.45, 0.00, 0.29
HSL	279°, 35%, 55%
HSV	279°, 45%, 71%
XYZ	26.0345, 19.2228, 46.0543
YIQ	125.0810, 5.5870, 36.4270

Conversions

Conversions Part 2

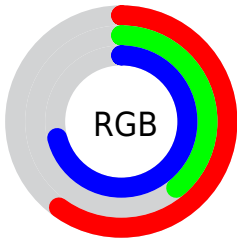
Format	Color
R _Y B	153, 100, 181
Decimal	10052789
CIE Lab	50.95, 36.15, -34.70
CIE LCh	51, 50.115, 316.173
Yxy	19.2228, 0.2851, 0.2105
Android (android.graphics.Color)	4288242869 (0xFF9964B5)
YUV	125.0810, 27.5681, 24.4850
Hunter-Lab	43.8438, 29.2668, -31.5886

Details

The XYZ color **26.0345, 19.2228, 46.0543** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.7268, 38.5575, 18.0383**, and the grayscale version is **19.4296, 20.4415, 22.2608**.

A 20% lighter version of the original color is **52.8088, 42.1262, 85.4686**, and **10.3356, 6.6355, 21.1581** is the 20% darker color. If you saturate the color by 10%, you get **23.3375, 15.5357, 45.4851**, and if you desaturate by 10%, it is **29.1805, 23.7147, 46.7558**.

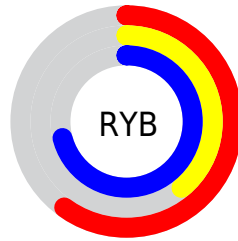
Distribution



Red (60%)

Green (39%)

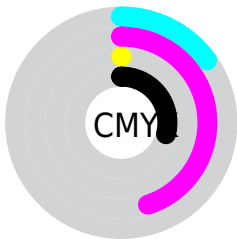
Blue (71%)



Red (60%)

Yellow (39%)

Blue (71%)

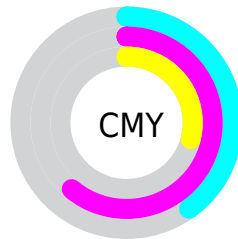


Cyan (15%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (61%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0345, 19.2228, 46.0543 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.0345, 19.2228, 46.0543 by changing the saturation by 10% instead.

26.0345, 19.2228,
46.0543

26.0345, 19.2228,
46.0543

275.2050,
247.6760, 387.3108

16.9823, 11.8314,
31.9397

52.7615, 42.1102,
85.6354

10.3171, 6.6290,
21.0510

71.1670, 58.3750,
111.9390

5.6736, 3.2312,
12.9697

93.4209, 78.3664,
143.1426

2.6864, 1.2536,
7.2772

119.8887,
102.4688, 179.6649

0.9902, 0.1048,
3.5550

150.9356,
131.0666, 221.9243

0.0000, 0.0000,
1.3845

186.9271,

0.0000, 0.0000,

164.5441, 270.3394

0.1296

228.2284,
203.2858, 325.3287

■ 0.0000, 0.0000,
0.0000

■ 26.0345, 19.2228,
46.0543

■ 26.0345, 19.2228,
46.0543

■ 23.3375, 15.5357,
45.4851

■ 29.1805, 23.7147,
46.7558

■ 21.0605, 12.5988,
45.0382

■ 32.7978, 29.0565,
47.5962

■ 19.1744, 10.3544,
44.7044

■ 36.9095, 35.2925,
48.5832

■ 17.6447, 8.7352,
44.4725

■ 41.5366, 42.4634,
49.7234

■ 16.4298, 7.6595,
44.3289

■ 46.6988, 50.6072,
51.0233

■ 15.8707, 7.2182,
44.2732

■ 52.4147, 59.7598,
52.4887

■ 58.7019, 69.9555,
54.1252

■ 65.5773, 81.2265,
55.9384

■ 70.4836, 88.4572,
57.0755

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.0524, 19.2228, 59.5499



26.0345, 19.2228, 46.0543



29.1605, 19.2228, 28.1455

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.0345, 19.2228, 46.0543



20.6415, 19.2228, 4.0502



10.5683, 19.2228, 29.4791

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.0345, 19.2228, 46.0543



27.7268, 38.5575, 18.0383

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.4985, 19.2228, 15.0674



26.0345, 19.2228, 46.0543



15.7455, 19.2228, 4.1476

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.0345, 19.2228, 46.0543



25.6872, 19.2228, 6.7798



12.2277, 19.2228, 7.1588



12.4397, 19.2228, 47.4019

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.0345, 19.2228, 46.0543



29.4629, 19.2228, 18.1338



12.2277, 19.2228, 7.1588



10.3467, 19.2228, 24.0007

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.0352, 19.2236, 46.0547



67.3131, 65.0658, 87.3058



21.3616, 21.5761, 46.7551



14.1781, 13.4940, 18.7796



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0352, 19.2236, 46.0547



41.7290, 27.7340, 81.4484



30.7611, 21.7977, 40.0489



8.5592, 8.4968, 10.6953



11.0176, 5.0156, 30.5244



0.4065, 0.1887, 0.9632

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.5101, 20.4973, 22.9292



45.1263, 30.5590, 33.1004



24.7130, 36.9308, 21.1997



8.6136, 8.5522, 9.4636



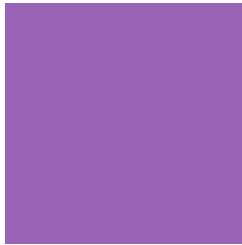
13.7769, 7.0283, 3.9852



0.4616, 0.2324, 0.2737

Previews

White Background



This preview shows how the XYZ color 26.0345, 19.2228, 46.0543 looks on a white background.

Color Contrast Check

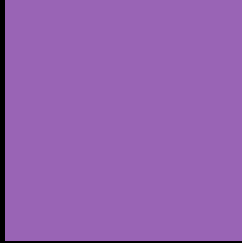
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 26.0345, 19.2228, 46.0543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

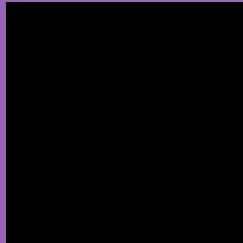
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0345, 19.2228, 46.0543

Background



This preview shows how black text looks on a background with the XYZ color 26.0345, 19.2228, 46.0543.



This preview shows how white text looks on a background with the XYZ color 26.0345, 19.2228,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.0345, 19.2228, 46.0543

Protanopia

21.1043, 19.4950, 56.0767

Deuteranopia

19.9188, 19.5017, 44.3093



Tritanopia

20.9196, 19.1447, 21.0051

Trichromacy



Original Color

26.0345, 19.2228, 46.0543

Protanomaly

22.2480, 18.9715, 52.3584

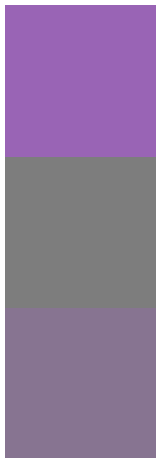
Deuteranomaly

21.5488, 18.9465, 44.6408

Tritanomaly

22.3531, 18.9113, 28.4587

Monochromacy



Original Color

26.0345, 19.2228, 46.0543

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.3479, 19.6860, 29.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0345, 19.2228, 46.0543 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 100, 181)` looks like.

```
.text, #text, p{  
    color:rgb(153, 100, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 100, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 100, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.0345, 19.2228, 46.0543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 100, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 100, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 100, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 100, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 100, 181);  
box-shadow:4px 4px 4px 4px rgb(153, 100,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0345, 19.2228, 46.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 100, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
100, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor